



February 19, 2013

Ms. Marcia Gasses  
Town Planner & Land Use Administrator  
Town of Barrington  
PO Box 660  
Barrington NH 03825

SUBJECT: Yellow Dog's Barn – Map 270 Lot 71  
Engineering Review Services

Dear Ms. Gasses:

As requested, we have completed our review of the proposed site plan application for the above referenced project. Our review services were limited to a review of the stormwater report by Jones & Beach Engineers (dated January 16, 2013) and associated Site Plan (dated January 16, 2013). The following were comments noted during the review:

1. The detail for the infiltration trench (Sheet D1) shows a 15' long trench. However, the drainage report models a 22' long trench. This discrepancy should be corrected and the model reperformed as necessary.
2. The detail for the infiltration trench (Sheet D1) shows two 24" HDPE pipes. However, the drainage report models four 24" CMP pipes. This discrepancy should be corrected and the model reperformed as necessary.
3. There was no test pit within the proposed infiltration trench area to verify a 3-foot separation from the seasonal high water table or bedrock in accordance with NHDES regulations.
4. There was no analysis provided to verify that the infiltration trench will drain within 72 hours in accordance with NHDES regulations.
5. There was no elevation shown on the plans for the 6" overflow from the infiltration trench. The drainage report lists the invert for the overflow as 233.9.

Ms. Marcia Gasses  
February 19, 2013  
Page Two

6. The drainage report indicates that the entire roof runoff from the proposed building will be captured in gutters and directed to the infiltration trench. However, there were no elevation views of the building to verify how the roof runoff will be collected.
7. The drainage report models that the proposed gutters have the capacity to handle the 25 and 50 year storms. We would recommend that the gutter capacity be verified for these storm events.

If you should have any questions or comments, please call me.

Very truly yours,

DuBOIS & KING, INC.

A handwritten signature in black ink, appearing to read "Jeffrey Adler".

Jeffrey A. Adler, P.E.  
Senior Project Manager

JAA/js

**DuBois  
& King**<sup>INC.</sup>